

Test Procedure

The following test procedure describes the test for Optimus50/65/80 RAD / RF / C in combination with SRO and / or RO tubes.

- Start after 4 hours cool down, to ensure that the tube is definitely cold.
- Select an auxiliary with single kV steps (RGDV Data Set B).
- Select an APR program with 100% load and choose kV - mA - s technique.
- Select large focus, 100 kV, 180 mA, 1000 ms.
- Release a series of single exposures (standby, preparation, exposure, standby ...) with a frequency of 2 exposures per minute and observe the following results.

1. After 7 ± 1 exposures there should be a yellow indication.
2. After 10 ± 1 exposures there should be a yellow/red indication and audible alarm activated.

	Waiting time 1	100kV- 180mA- 1s	Waiting time 2	100kV- 180mA- 1s	
Tube type	yellow T3 = Ta [°C]	Results (number of Exposure)	yellow/red T3=Tb [°C]	Results (number of Exposure)	Tolerance (number of Exposure)
SRO 33 100	775	7	980	10	± 1
SRO 25 50	775	7	980	10	± 1
SRO 09 50	775	7	980	10	± 1
RO 17 50	770	7	970	10	± 1

